

Glucagon Rabbit mAb

Catalog # AP76953

Product Information

Application WB, IHC-P **Primary Accession** P01275

Reactivity Rat, Human, Mouse

Host Rabbit

Clonality Monoclonal Antibody

Isotype IgG

Conjugate Unconjugated

Immunogen A synthesized peptide derived from human Glucagon

Purification Affinity Chromatography

Calculated MW 20909

Additional Information

Gene ID 2641

Other Names GCG

Dilution WB~~1/500-1/1000 IHC-P~~N/A

Format Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02%

sodium azide and 50% glycerol.

Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

freeze/thaw cycles.

Protein Information

Name GCG (<u>HGNC:4191</u>)

Function [Glucagon]: Plays a key role in glucose metabolism and homeostasis.

Regulates blood glucose by increasing gluconeogenesis and decreasing glycolysis. A counterregulatory hormone of insulin, raises plasma glucose levels in response to insulin-induced hypoglycemia. Plays an important role in

initiating and maintaining hyperglycemic conditions in diabetes.

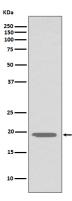
Cellular Location Secreted.

Tissue Location [Glucagon]: Secreted in the A cells of the islets of Langerhans. [Glucagon-like

peptide 2]: Secreted from enteroendocrine cells throughout the gastrointestinal tract. Also secreted in selected neurons in the brain [Oxyntomodulin]: Secreted from enteroendocrine cells throughout the

gastrointestinal tract

Images



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